

"Finishing in the Future"

La Fonda on the Plaza, Santa Fe, NM – May 28th-30th, 2008

Call for Abstracts (both talks and posters) Deadline March 14th, 2008

Please join us for the 3rd annual "Finishing in the Future" Meeting on Wednesday, May 28th through Friday, May 30th in beautiful, historic Santa Fe, New Mexico. The three day conference will focus on a multitude of sequencing, analysis and bioinformatic topics relating to genome finishing.

Keynote Speakers:

- **Sydney Brenner**, 2002 Nobel Prize Winner for Medicine, Founder of the Molecular Sciences Institute, and Senior Distinguished Fellow of the Crick-Jacobs Center, Salk Institute
- **Bruce Birren**, Director of the Microbial Sequencing Center and Co-Director of the Genome Sequencing and Analysis Program, Broad Institute
- **Deanna Church**, Coordinator for the Mouse and Human Genome Resources and Trace Archive, National Center for Biotechnology Information (NCBI)

Areas to be emphasized include, but are not limited to the following:

Genome Sequencing:

- Draft sequencing, assembly and quality assessment
- Metagenomic sequencing strategies
- New sequencing technologies (454, Solexa, SOLiD, Helicos, etc.)

Genome Finishing and Analysis:

- Finishing systems and pipelines (automated, manual, etc.)
- Using new sequencing technology (454, Solexa, etc.) data
- Comparative genomics, Resequencing, SNPs
- Structural variation
- Metagenomics
- Genome annotation

Bioinformatics:

- Whole genome assemblers, New sequence alignment tools
- Using near neighbor genome data for finishing, Genome annotation for finishing
- Integrating Sanger & 454 genome assemblies, De novo assemblers for short reads
- New basecallers and standardization of qualities
- Metagenomic assemblies and analysis
- Finishing quality standards for new technology or mixed data sets



The conference is being sponsored and hosted by the DOE's Los Alamos National Laboratory and **no** registration fee is required. Participants need to cover travel costs, hotel and dinner charges. Breakfast, lunch and snacks will be provided. A block of rooms are reserved at the La Fonda at a special conference rate of \$99 per night. **A limited number of extra rooms are on hold for before & after the conference for those of you that want to stay a little longer (contact Chris Detter for more details).**

Registration is limited to 120; please register soon if you plan to attend. **To register, submit an abstract, or obtain more information as it becomes available please visit our web site,** <http://www.lanl.gov/finishinginthefuture/>.

If you have any questions, or would like further information, please contact Chris Detter at (505)667-1326 or cdetter@lanl.gov.

We look forward to seeing you there!!!

The 2008 "Finishing in the Future" Organizing Committee:



- * Chris Detter, Ph.D., JGI-LANL / Genome Sciences Center Director, LANL
- * Johar Ali, Ph.D., Technology Development Team Leader, OICR
- * Ruby Archuleta, Genome Administrative Assistant, LANL
- * Patrick Chain, Finishing Coordinator / Group Leader, LLNL
- * Michael Fitzgerald, Finishing Manager, Broad Institute
- * Bob Fulton, M.S., Sequence Improvement Group Leader, WashU
- * Darren Grafham, Finishing Coordinator, Sanger Institute
- * Hoda Khouri, M.S., Staff Scientist, NCBI
- * Alla Lapidus, Ph.D., Microbial Genomics Group Leader, LBNL-JGI
- * Donna Muzny, M.S., Director of Operations, BCM

